

REMARKS

Objections:

The Examiner has objected to claim 10 because of several informalities. The Applicant has amended claim 10 as suggested by the Examiner in order to correct these informalities.

The Examiner has indicated that claims 12-16 would be allowable if rewritten in independent form. Accordingly, the Applicant has amended claim 12 to put it in independent form. Claims 13-16 all depend from allowable claim 12. Therefore, amended claim 12 and claims 13-16 are all allowable.

Rejections:

Claims 1-11 and 17 have been rejected under 35 U.S.C. 112 as being based on a disclosure which is not enabling. More specifically the Examiner has rejected these claims because claims 1, 10, 11 and 17 lack the steps of (1) lifting off the photoresist mask to form a trench in the magnetic material, and (2) depositing sensor material such that a portion is deposited within the trench and a portion is deposited outside of the trench. The Applicant has amended claims 1, 10 and 17 in order to recite these steps in the manner suggested by the Examiner. In light of these amendment, the rejections under 35 U.S.C. 112 have been overcome, and claims 1 and 17 are allowable as amended. Because claims 2-9 depend from allowable claim 9, they too are allowable. Claim 11 has been cancelled.

Should the Examiner wish to discuss this matter further, the Examiner is invited to call the undersigned at (408) 971-2573. For payment of any fees due in connection

with the filing of this paper, the Commissioner is authorized to charge such fees to Deposit Account No. 50-2587 (Order No. HSJ920040021US1).

Respectfully submitted,

By: /Ronald B. Feece/ Date: September 4, 2007
Ron Feece
Reg. No. 46,327

Zilka-Kotab, PC
P.O. Box 721120
San Jose, California 95172-1120
Telephone: (408) 971-2573
Facsimile: (408) 971-4660